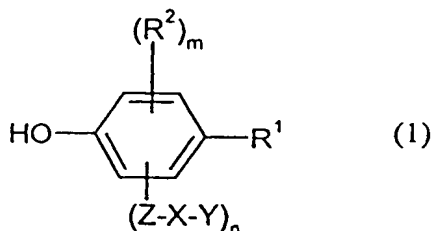


WHAT IS CLAIMED IS:

1. A process of using of at least one member selected from a first group consisting of compounds conforming to formula (1)

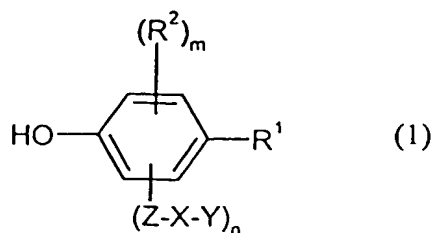
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wherein

- $R^1$  is either H or a  $CH_3$  radical;
- 10  $R^2$  denotes a member selected from the group consisting of H, linear  $C_1-C_{18}$  alkyl, branched  $C_1-C_{18}$  alkyl, linear  $C_1-C_{18}$  alkoxy, branched  $C_1-C_{18}$  alkoxy, Cl, Br, aryl radical and aralkyl radical,
- $Z$  denotes an alkylene having 1 to 30 carbon atoms or a single bond,
- 15  $X$  denotes a single bond or a divalent radical,
- $Y$  denotes a member selected from the group consisting of a cycloaliphatic radical, polycyclic aliphatic radical and an aromatic radical,
- 20 and
- $n$  is 1,2,3 or 4 and  $m$  is 0,1,2 or 3, with the proviso that the sum of  $n$  plus  $m$  is 4, comprising adding said phenol as a chain terminator to the reaction that
- 25 entails at least one diphenol in the preparation of a member selected from a second group consisting polycarbonate, polyester carbonate and polyester.

2. The polycarbonate prepared by the process of Claim 1.
3. The polyester carbonate prepared by the process of Claim 1.
- 5 4. The polyester prepared by the process of Claim 1.
5. A molded article comprising the polycarbonate of Claim 2.
6. A molded article comprising the polyester carbonate of Claim 3.
- 10 7. A molded article comprising the polyester of Claim 4.
8. The compound according to formula (1) according to claim 1.
- 15 9. The compound of Claim 8 wherein at least one of said aryl radical and aralkyl radical are substituted.
10. The compound of Claim 8 wherein X denotes a divalent radical selected from the group consisting of  $-O-$ ,  $-CO-$ ,  $CH_2-$ ,  $-COO-$  and  $-OCO_2-$ .
- 20 11. The compound of Claim 8 wherein Y is substituted.
12. The process of Claim 1 wherein the o- and/or m-substituent
- 25 is cycloalkyl.
13. The process of Claim 1 wherein the member of the first group conform to formula (1)



wherein

$R^1$  is either H or a  $CH_3$  radical;

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$R^2$  denotes a member selected from the group consisting of H, linear  $C_1$ - $C_{18}$  alkyl, branched  $C_1$ - $C_{18}$  alkyl, linear  $C_1$ - $C_{18}$  alkoxy, branched  $C_1$ - $C_{18}$  alkoxy, Cl, Br, aryl radical and aralkyl radical,

10  $Z$  denotes an alkylene having 1 to 30 carbon atoms or a single bond,

$X$  denotes a single bond or a divalent radical,

$Y$  denotes a member selected from the group consisting of a cycloaliphatic radical, polycyclic aliphatic radical and an aromatic radical,

15

and

$n$  is 1,2,3 or 4 and  $m$  is 0,1,2 or 3, with the proviso that the sum of  $n$  plus  $m$

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14. The process of Claim 13 wherein member of the second group is polycarbonate.

25 15. The process of Claim 13 wherein member of the second group is polyester carbonate.

16. The process of Claim 13 wherein member of the second group is polyesters.
17. The polycarbonate prepared by the process of Claim 14.
- 5 18. The polyester carbonate prepared by the process of Claim 15.
- 19 The polyester prepared by the process of Claim 16.
- 10 20. The process of Claim 1 wherein member of the first group is present in an amount of 0.5 to 8 mol%, relative to the total moles of diphenol.
21. The process of Claim 20 wherein the amount is 2 to 6 mol%.